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Cumulative Michigan COVID-19 Data

Michigan COVID-19 State Data

11-18-2020

2020-11-18_MichiganOverview_COVIDstats

Michigan Department of Health & Human Services

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Coronavirus

CORONAVIRUS / MICHIGAN DATA

Michigan Data



**DATA ABOUT
PLACES**

LONG TERM CARE FACILITIES

**CORONAVIRUS
SYMPTOMS**

**CUMULATIVE
RECOVERED**

**OUTBREAK
REPORTING**



**SCHOOL-RELATED
OUTBREAK REPORTING**

**WASTEWATER
SURVEILLANCE**



Current COVID-19 Statewide Data Trends: Information on testing, disease trends, outbreaks, hospitalizations, deaths and the virus trajectory.

The State of Michigan is working around the clock to test and treat COVID-19 patients. Below is the most recent data healthcare experts across the state have compiled. It is updated Monday - Saturday.

CURRENT STATUS

DAILY CASES

CUMULATIVE TRENDS

DEMOGRAPHICS

TOTAL TESTING

DIAGNOSTIC TESTING

LEARN MORE

View Cases

View Deaths

View Table

Select Preparedness Region:

All

Select County:

All

This report is provisional and subject to change. City of Detroit and Wayne County are reported separately. MDHHS began tracking probable cases April 5, 2020. FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections. Diagnostic tests, including nucleic acid amplification/real-time polymerase chain reaction (NAAT/RT-PCR) and rapid virus antigen detection point of care (POC) tests, look for current infection. Serology (antibody) tests are used to look for the possibility of previous infection.

Source: Michigan Disease Surveillance System (MDSS) and Vital Records.

COVID-19 Cases by County

Confirmed cases include individuals with a positive diagnostic test for COVID-19. Probable cases include individuals with COVID-19 symptoms and an epidemiologic link to confirmed COVID-19, but no diagnostic test.

Cases by County

16-196

197-784

785-3989

3990-37586

37587+

Michigan

Wednesday, November 18, 2020

Michigan (Statewide) Case Fatality Rate

2.9%

Current Totals



Case Status	Cases	Deaths
Confirmed	277,806	8,190
Probable	25,252	383
Total	303,058	8,573


Laboratory Testing

Test Type	Tests Performed
Diagnostic	5,980,495
Serology	350,177
Total	6,330,672

Microsoft Power BI

< 1 of 7 >



Cases by Hispanic/Latino Ethnicity			
Hispanic/Latino Ethnicity	Percentage of Overall Cases by Ethnicity	Percentage of Deceased Cases by Ethnicity	
Hispanic/Latino	6.20%	2.59%	
Non-Hispanic Latino	68.82%	85.24%	

https://www.michigan.gov/coronavirus/0,9753,7-406-98163_98173---,00.html

2/3

Hispanic/Latino Ethnicity	Percentage of Overall Cases by Ethnicity	Percentage of Deceased Cases by Ethnicity
Unknown	24.98%	12.17%

Totals may not add to 100% due to rounding

Cases by Arab Ethnicity

Arab Ethnicity	Percentage of Overall Cases by Ethnicity	Percentage of Deceased Cases by Ethnicity
Arab	3.07%	1.97%
Non-Arab	51.00%	50.72%
Unknown	45.93%	47.31%

Totals may not add to 100% due to rounding

PUBLIC USE DATASETS 11/18/2020

(Downloadable .xlsx files)

Cases and Deaths by County

Cases and Deaths by County by Date
of Onset of Symptoms and Date of Death

Cases by Demographics Statewide

COVID-19 Tests by County

Diagnostic Tests by Result and County

Cumulative Total of Recovered COVID-19 Cases

Cumulative Total of Recovered COVID-19 Cases (as of 11/13/2020): **138,862**

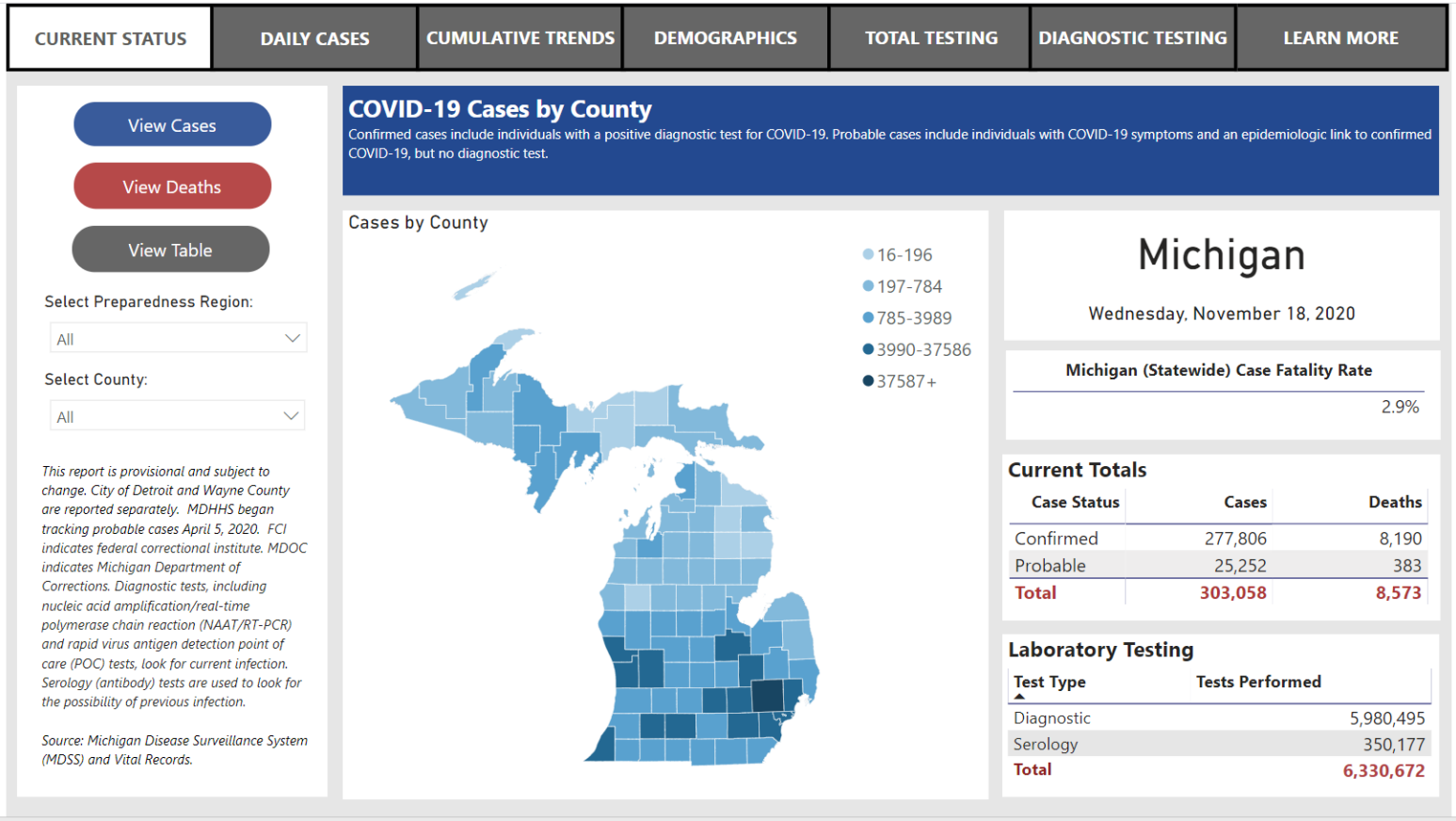
Note on recovery: During this response, MDHHS is reviewing vital records statistics to identify any laboratory confirmed COVID-19 cases who are 30 days out from their onset of illness to represent recovery status. As the pandemic continues to impact Michigan, this pool will expand to include more cases. Recovered is defined as the number of persons with a confirmed COVID-19 diagnosis who are alive 30 days post-onset (or referral date if onset is not available). The number of persons recovered on November 13, 2020 represents COVID-19 confirmed individuals with an onset date on or prior to October 14, 2020. If an individual dies from a COVID-related cause >30 days from onset/referral, they are removed from the number of persons recovered. These numbers will be updated every Saturday.

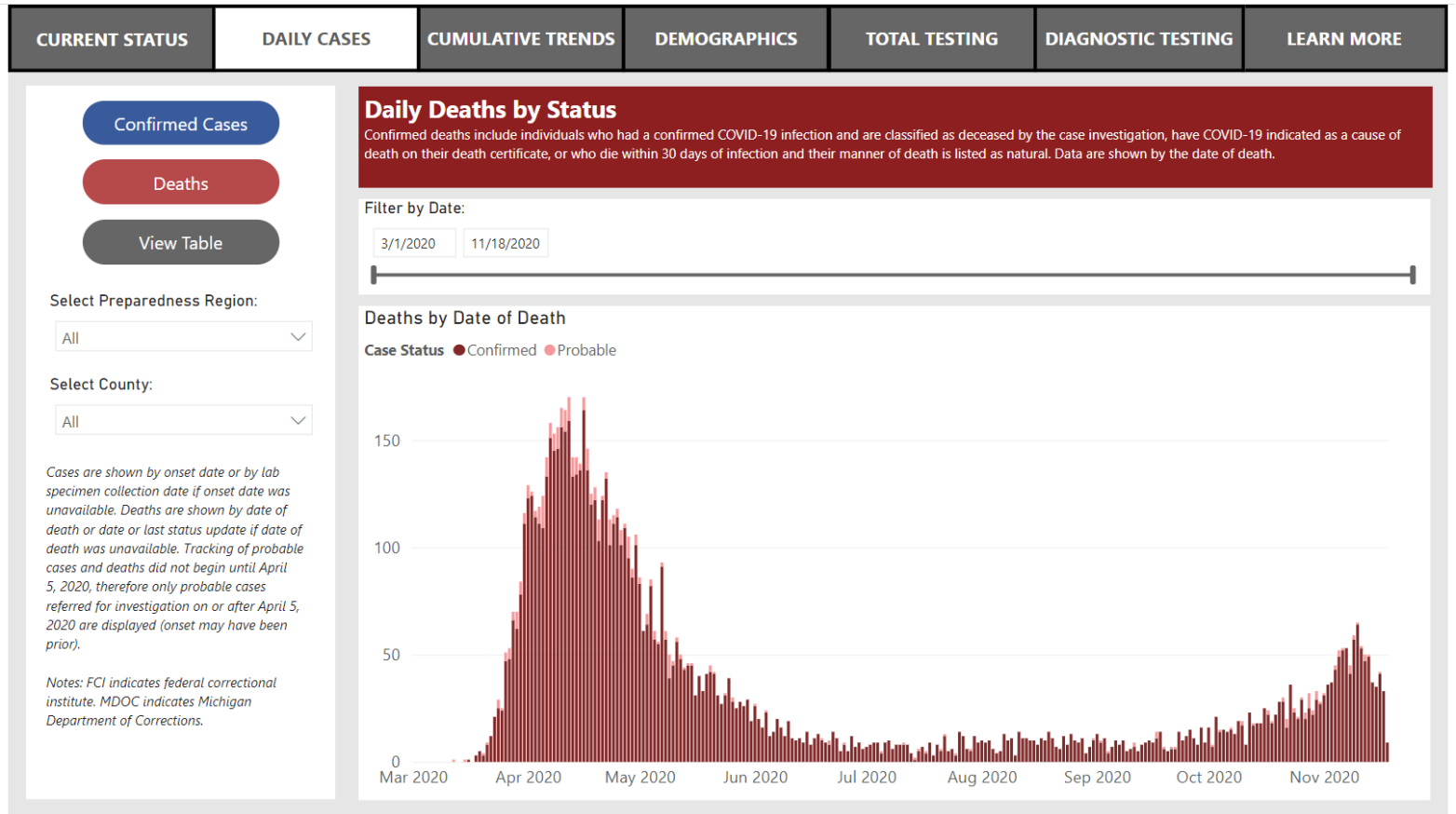
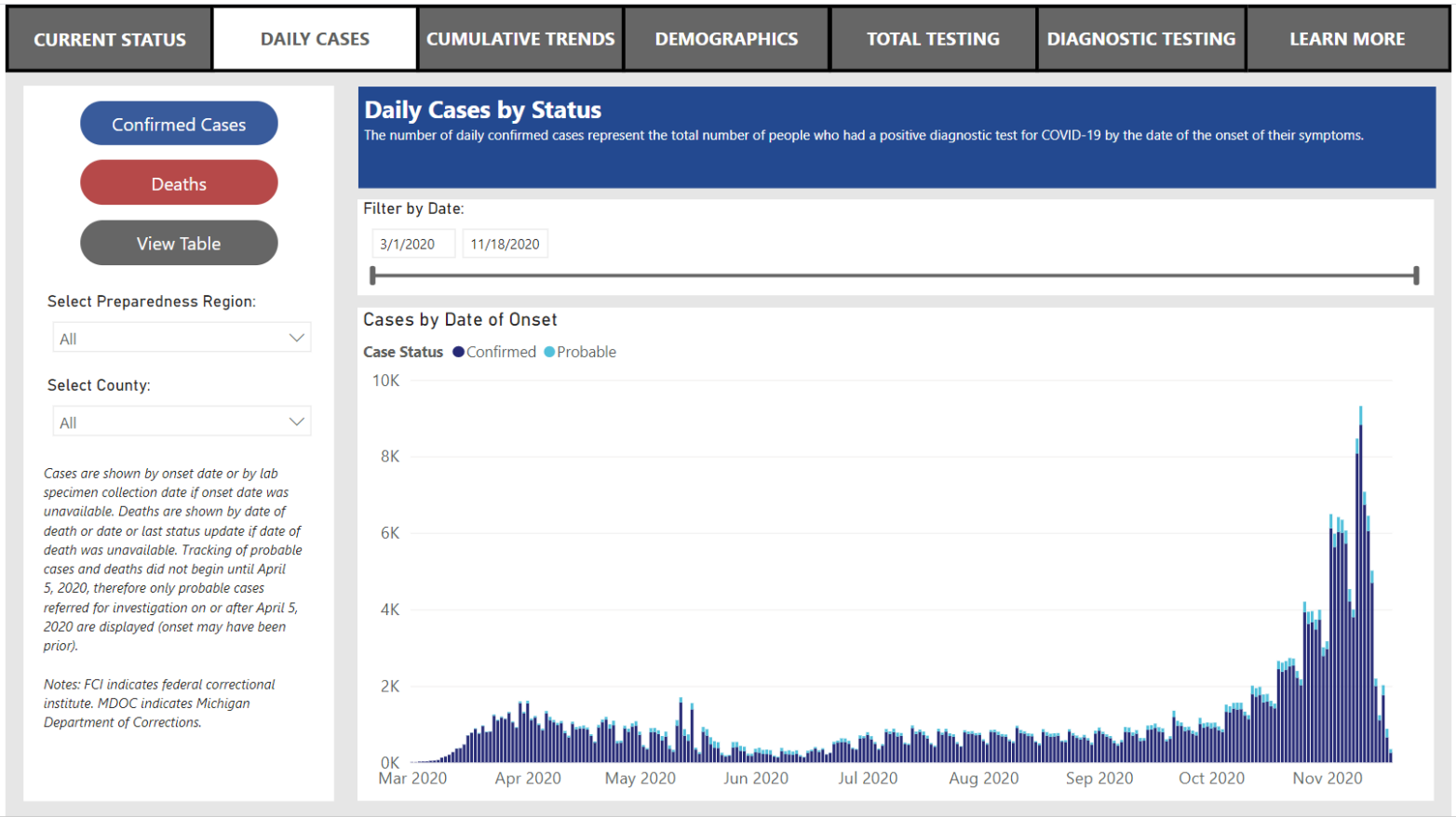
Source: Michigan Disease Surveillance System and Vital Records



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View Table

View Chart

Select Preparedness Region:

All

Select County:

All

Cases are shown by onset date or by lab specimen collection date if onset date was unavailable. Deaths are shown by date of death or date of last status update if date of death was unavailable. Tracking of probable cases and deaths did not begin until April 5, 2020, therefore these data are not displayed by date.

Notes: FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections.

Cumulative Confirmed Cases and Deaths among Confirmed Cases

Cumulative cases represent the total number of people who had a positive diagnostic test for COVID-19. Cases are shown by the date of onset of symptoms. Cumulative Deaths represent the total number of people who had a confirmed COVID-19 infection and are classified as deceased by the case investigation, have COVID-19 indicated as a cause of death on their death certificate, or who die within 30 days of infection and their manner of death is listed as natural. Deaths are shown by date of death.

Filter By Date:

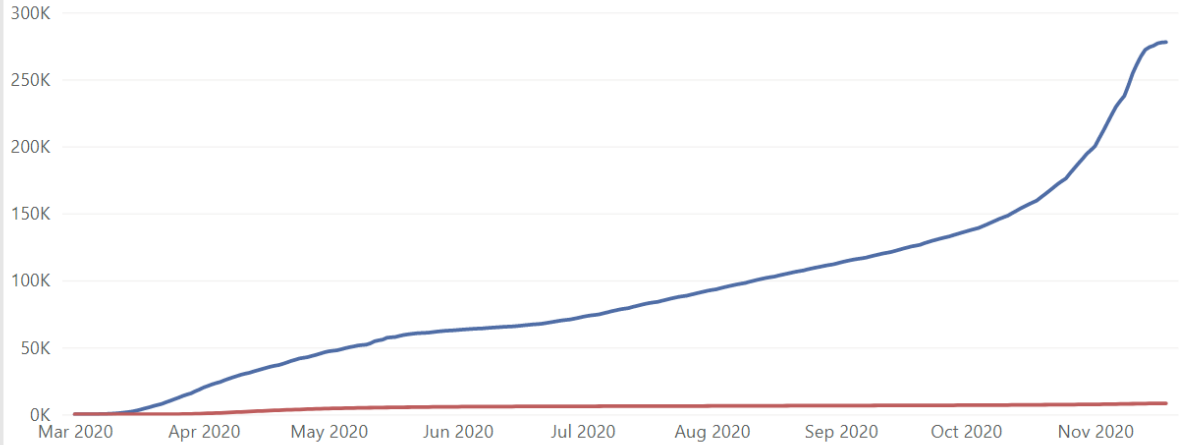
3/1/2020

11/18/2020

Cumulative Confirmed Cases and Deaths among Confirmed Cases by Date

Confirmed Cases

Deaths



CURRENT STATUS

DAILY CASES

CUMULATIVE TRENDS

DEMOGRAPHICS

TOTAL TESTING

DIAGNOSTIC TESTING

LEARN MORE

Cases by Demographic Characteristics

Data are suppressed when the number of cases is five or below to protect the confidentiality of individuals. The sum of the cases for individual categories may be fewer than the total number of cases due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.

Cases

Deaths

Select case status:

Confirmed

Probable

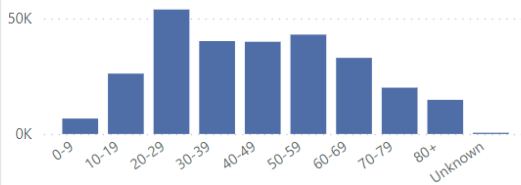
Select Preparedness Region:

All

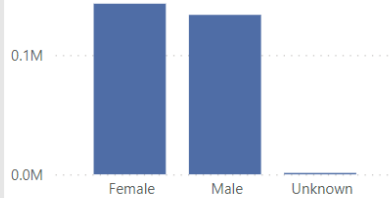
Select county:

All

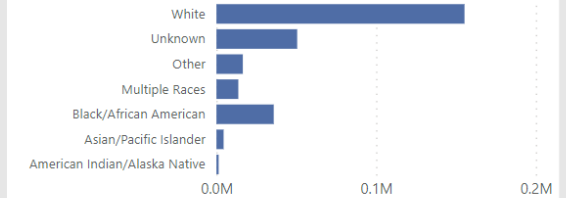
Cases by Age Group



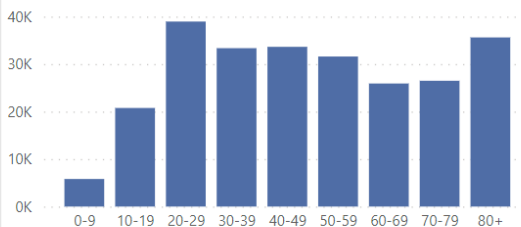
Cases by Sex



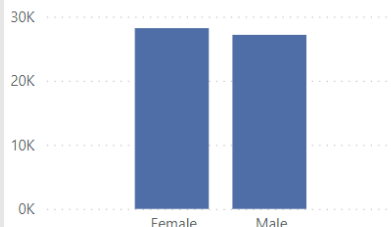
Cases by Race



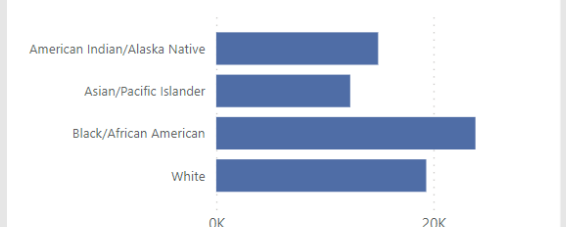
Cases per Million by Age Group



Cases per Million by Sex

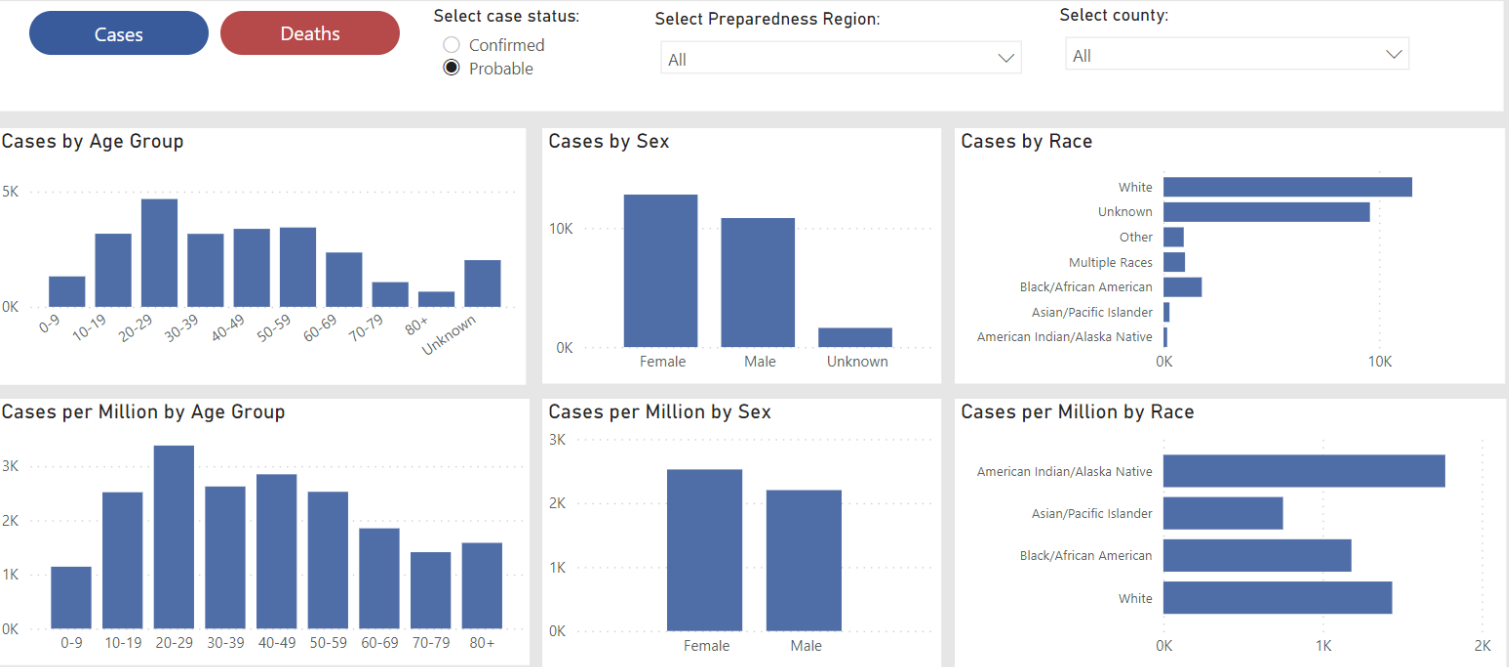


Cases per Million by Race



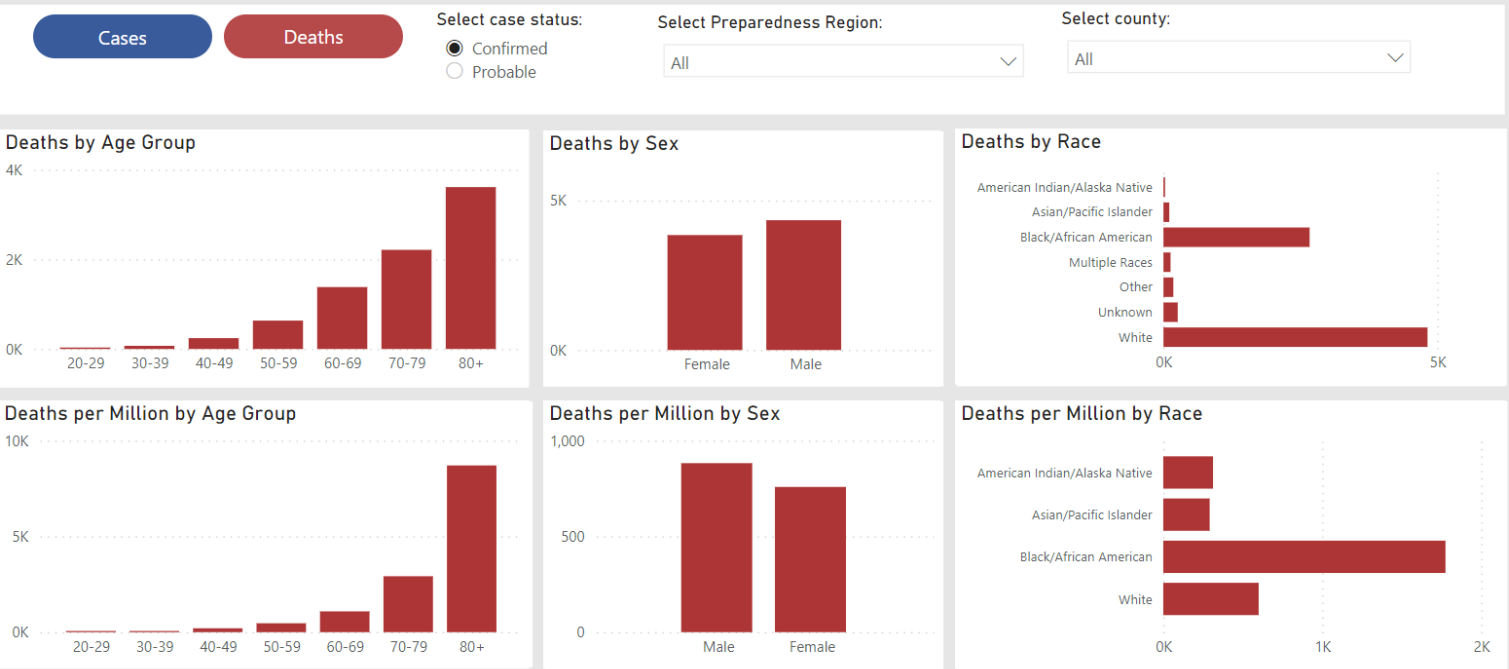
Cases by Demographic Characteristics

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Deaths by Demographic Characteristics

Data are suppressed when the number of deaths is five or below to protect the confidentiality of individuals. The sum of the deaths for individual categories may be fewer than the total number of deaths due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.



Deaths by Demographic Characteristics

Data are suppressed when the number of deaths is five or below to protect the confidentiality of individuals. The sum of the deaths for individual categories may be fewer than the total number of deaths due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.



View Table

View Charts

Select Preparedness Region:

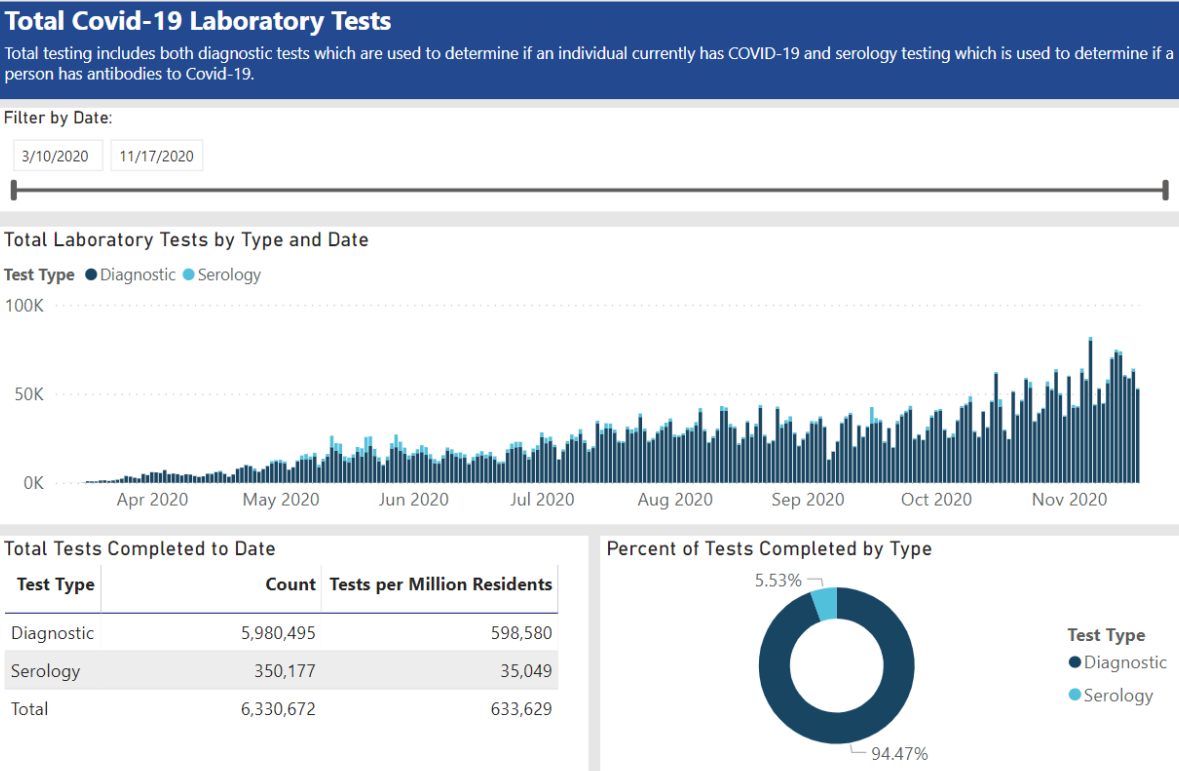
All

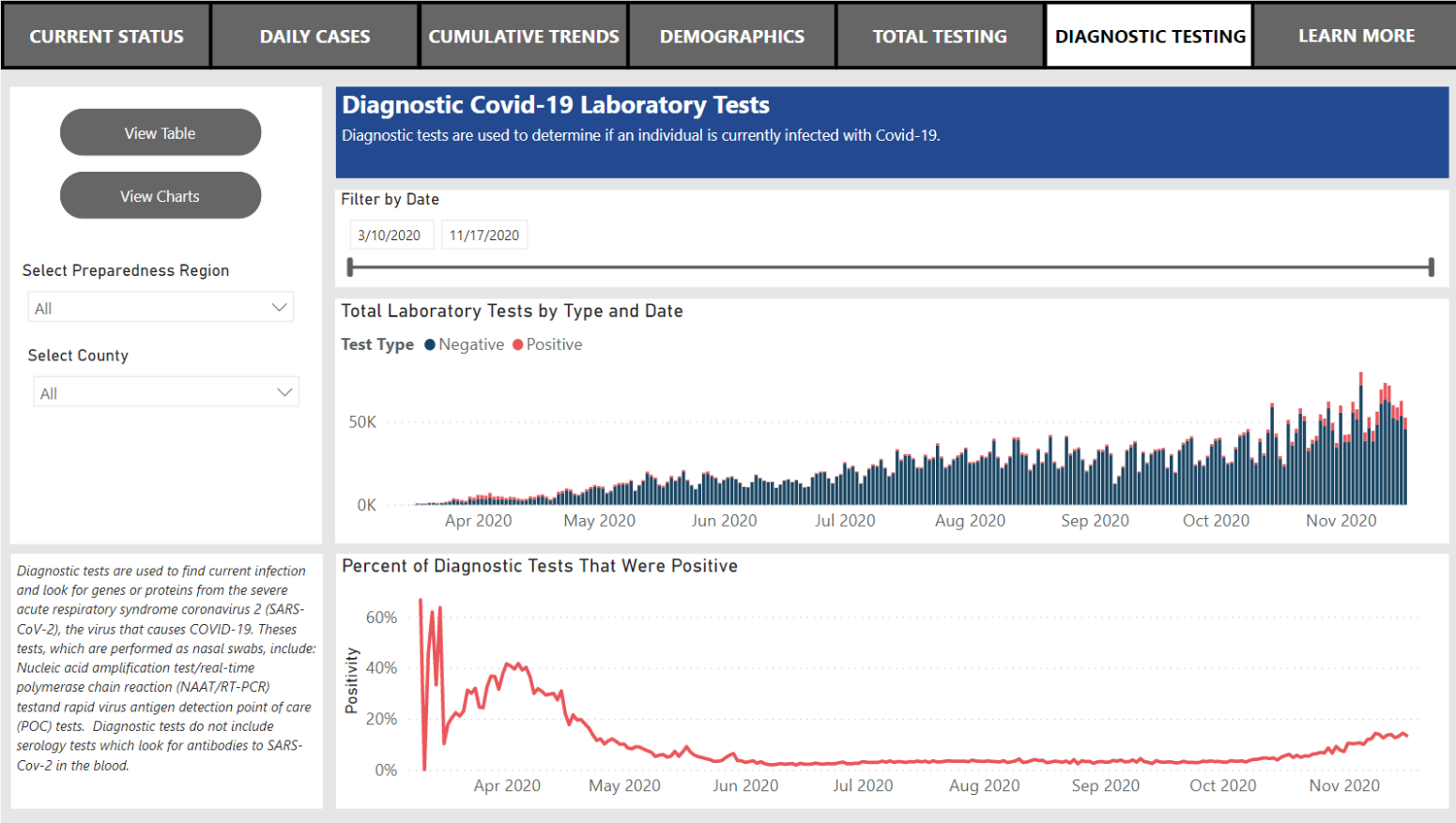
Select County:

All

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Serology tests are used to look for the possibility of previous infection. Serology tests look for antibodies to SARS-CoV-2 in the blood. There are currently two types of serology tests: the enzyme-linked immunosorbent assay (ELISA) test and the rapid antibody detection POC test. Serology tests do not diagnose disease and do not guarantee immunity, but might provide information about previous infection.





PUBLIC USE DATASETS

Cases and Deaths by County

README

Includes total cases and deaths to date by case status (confirmed or probable) and county.

County is based on the county of residence.

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19.

Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'.

Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

The number of probable cases can change daily based on information obtained through the health department investigation. Probable cases can be re-classified as a confirmed case or determined to not be a case.

CASES AND DEATHS BY COUNTY 2020-11-18

Updated	COUNTY	ConfirmedCases	ConfirmedDeaths	ProbableCases	ProbableDeaths
2020/11/18 14:44:40	Alcona	109	3	11	0
2020/11/18 14:44:40	Alger	137	1	55	1
2020/11/18 14:44:40	Allegan	2767	17	253	0
2020/11/18 14:44:40	Alpena	335	16	46	0
2020/11/18 14:44:40	Antrim	277	4	18	0
2020/11/18 14:44:40	Arenac	239	9	34	0
2020/11/18 14:44:40	Baraga	308	5	46	0
2020/11/18 14:44:40	Barry	1459	11	100	0
2020/11/18 14:44:40	Bay	3172	79	143	0
2020/11/18 14:44:40	Benzie	229	3	20	0
2020/11/18 14:44:40	Berrien	4681	99	365	4
2020/11/18 14:44:40	Branch	1608	22	181	2
2020/11/18 14:44:40	Calhoun	4479	101	581	4
2020/11/18 14:44:40	Cass	1610	27	153	0
2020/11/18 14:44:40	Charlevoix	368	5	38	0
2020/11/18 14:44:40	Cheboygan	326	15	36	0
2020/11/18 14:44:40	Chippewa	262	2	335	0
2020/11/18 14:44:40	Clare	502	22	73	0
2020/11/18 14:44:40	Clinton	2051	18	181	0
2020/11/18 14:44:40	Crawford	236	5	17	0
2020/11/18 14:44:40	Delta	1907	46	243	9
2020/11/18 14:44:40	Dickinson	1360	28	59	2
2020/11/18 14:44:40	Eaton	2191	24	157	0
2020/11/18 14:44:40	Emmet	742	22	43	0
2020/11/18 14:44:40	Genesee	10006	350	1492	28
2020/11/18 14:44:40	Gladwin	477	7	82	1
2020/11/18 14:44:40	Gogebic	497	9	181	10
2020/11/18 14:44:40	Grand Traverse	1295	17	129	0
2020/11/18 14:44:40	Gratiot	1087	23	109	0
2020/11/18 14:44:40	Hillsdale	1083	30	88	2
2020/11/18 14:44:40	Houghton	1106	8	242	2
2020/11/18 14:44:40	Huron	432	11	96	0
2020/11/18 14:44:40	Ingham	7017	91	151	0
2020/11/18 14:44:40	Ionia	1639	13	54	0
2020/11/18 14:44:40	Iosco	496	18	68	1
2020/11/18 14:44:40	Iron	610	27	36	4
2020/11/18 14:44:40	Isabella	1737	17	221	0
2020/11/18 14:44:40	Jackson	3638	82	60	2
2020/11/18 14:44:40	Kalamazoo	6559	144	1166	5
2020/11/18 14:44:40	Kalkaska	247	4	22	0
2020/11/18 14:44:40	Kent	24957	263	1350	4
2020/11/18 14:44:40	Keweenaw	45	1	10	0
2020/11/18 14:44:40	Lake	146	1	4	0
2020/11/18 14:44:40	Lapeer	1519	46	245	1
2020/11/18 14:44:40	Leelanau	268	2	20	0
2020/11/18 14:44:40	Lenawee	1791	22	79	0
2020/11/18 14:44:40	Livingston	3566	38	424	1

2020/11/18 14:44:40	Luce	105	0	41	0
2020/11/18 14:44:40	Mackinac	185	0	48	0
2020/11/18 14:44:40	Macomb	28178	1123	1439	53
2020/11/18 14:44:40	Manistee	259	5	17	0
2020/11/18 14:44:40	Marquette	2079	23	242	0
2020/11/18 14:44:40	Mason	441	6	37	0
2020/11/18 14:44:40	Mecosta	943	7	38	0
2020/11/18 14:44:40	Menominee	1017	11	105	0
2020/11/18 14:44:40	Midland	2049	19	322	0
2020/11/18 14:44:40	Missaukee	195	2	19	0
2020/11/18 14:44:40	Monroe	3491	54	401	1
2020/11/18 14:44:40	Montcalm	1258	21	147	0
2020/11/18 14:44:40	Montmorency	87	1	12	0
2020/11/18 14:44:40	Muskegon	5476	123	115	0
2020/11/18 14:44:40	Newaygo	1184	10	36	0
2020/11/18 14:44:40	Oakland	32288	1234	5299	53
2020/11/18 14:44:40	Oceana	941	10	41	0
2020/11/18 14:44:40	Ogemaw	301	10	38	0
2020/11/18 14:44:40	Ontonagon	225	7	26	0
2020/11/18 14:44:40	Osceola	335	2	45	0
2020/11/18 14:44:40	Oscoda	86	2	21	0
2020/11/18 14:44:40	Otsego	534	14	54	1
2020/11/18 14:44:40	Ottawa	10249	104	457	7
2020/11/18 14:44:40	Presque Isle	157	1	20	1
2020/11/18 14:44:40	Roscommon	357	7	62	0
2020/11/18 14:44:40	Saginaw	6478	182	364	5
2020/11/18 14:44:40	Sanilac	457	10	10	1
2020/11/18 14:44:40	Schoolcraft	150	1	8	1
2020/11/18 14:44:40	Shiawassee	1399	35	52	1
2020/11/18 14:44:40	St Clair	2787	72	436	2
2020/11/18 14:44:40	St Joseph	1893	28	225	1
2020/11/18 14:44:40	Tuscola	1196	43	122	0
2020/11/18 14:44:40	Van Buren	1999	27	137	2
2020/11/18 14:44:40	Washtenaw	7242	125	815	0
2020/11/18 14:44:40	Wayne	31622	1398	2750	54
2020/11/18 14:44:40	Wexford	400	11	27	0
2020/11/18 14:44:40	MDOC	9358	77	215	0
2020/11/18 14:44:40	FCI	192	5	5	0
2020/11/18 14:44:40	Out-of-State	693	4	26	1
2020/11/18 14:44:40	Unknown	6	0	10	0
2020/11/18 14:44:40	Detroit City	17941	1568	1451	116

PUBLIC USE DATASETS

Cases by Demographics Statewide

README

Includes the total number of confirmed and probable cases and confirmed and probable deaths to date by demographic characteristics

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19.

Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'.

Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

The number of probable cases can change daily based on information obtained through the health department investigation. Probable cases can be re-classified as a confirmed case or determined to not be a case.

Data is suppressed when the number of cases or deaths in a single category is between one and five to protect the confidentiality of individuals.

CASES BY DEMOGRAPHICS STATEWIDE 2020-11-18

CASE_STATUS	AgeCat	RaceCat	SEX	Cases	Deaths
Confirmed	0-9	American Indian/Alaska Native	Female	22	0
Confirmed	10-19	American Indian/Alaska Native	Female	94	0
Confirmed	20-29	American Indian/Alaska Native	Female	163	0
Confirmed	30-39	American Indian/Alaska Native	Female	124	0
Confirmed	40-49	American Indian/Alaska Native	Female	106	0
Confirmed	50-59	American Indian/Alaska Native	Female	114	0
Confirmed	60-69	American Indian/Alaska Native	Female	60	Suppressed
Confirmed	70-79	American Indian/Alaska Native	Female	40	Suppressed
Confirmed	80+	American Indian/Alaska Native	Female	14	Suppressed
Confirmed	Unknown	American Indian/Alaska Native	Female	0	0
Confirmed	0-9	Asian/Pacific Islander	Female	61	0
Confirmed	10-19	Asian/Pacific Islander	Female	214	0
Confirmed	20-29	Asian/Pacific Islander	Female	461	0
Confirmed	30-39	Asian/Pacific Islander	Female	432	0
Confirmed	40-49	Asian/Pacific Islander	Female	390	0
Confirmed	50-59	Asian/Pacific Islander	Female	351	Suppressed
Confirmed	60-69	Asian/Pacific Islander	Female	187	Suppressed
Confirmed	70-79	Asian/Pacific Islander	Female	87	11
Confirmed	80+	Asian/Pacific Islander	Female	81	27
Confirmed	Unknown	Asian/Pacific Islander	Female	0	0
Confirmed	0-9	Black/African American	Female	295	Suppressed
Confirmed	10-19	Black/African American	Female	912	Suppressed
Confirmed	20-29	Black/African American	Female	3154	6
Confirmed	30-39	Black/African American	Female	2947	9
Confirmed	40-49	Black/African American	Female	2852	56
Confirmed	50-59	Black/African American	Female	2692	116
Confirmed	60-69	Black/African American	Female	2408	245
Confirmed	70-79	Black/African American	Female	1543	334
Confirmed	80+	Black/African American	Female	1168	458
Confirmed	Unknown	Black/African American	Female	Suppressed	0
Confirmed	0-9	Multiple Races	Female	181	0
Confirmed	10-19	Multiple Races	Female	775	0
Confirmed	20-29	Multiple Races	Female	1461	Suppressed
Confirmed	30-39	Multiple Races	Female	1068	0
Confirmed	40-49	Multiple Races	Female	1158	Suppressed
Confirmed	50-59	Multiple Races	Female	1234	Suppressed
Confirmed	60-69	Multiple Races	Female	825	Suppressed
Confirmed	70-79	Multiple Races	Female	415	15
Confirmed	80+	Multiple Races	Female	314	27
Confirmed	Unknown	Multiple Races	Female	6	0
Confirmed	0-9	Other	Female	337	0
Confirmed	10-19	Other	Female	999	0
Confirmed	20-29	Other	Female	1864	0
Confirmed	30-39	Other	Female	1376	Suppressed
Confirmed	40-49	Other	Female	1293	Suppressed
Confirmed	50-59	Other	Female	954	6
Confirmed	60-69	Other	Female	591	17

Confirmed	70-79	Other	Female	344	20
Confirmed	80+	Other	Female	252	34
Confirmed	Unknown	Other	Female	Suppressed	0
Confirmed	0-9	Unknown	Female	552	0
Confirmed	10-19	Unknown	Female	2276	0
Confirmed	20-29	Unknown	Female	4981	Suppressed
Confirmed	30-39	Unknown	Female	3761	0
Confirmed	40-49	Unknown	Female	3972	Suppressed
Confirmed	50-59	Unknown	Female	4137	8
Confirmed	60-69	Unknown	Female	2735	18
Confirmed	70-79	Unknown	Female	1395	26
Confirmed	80+	Unknown	Female	1214	61
Confirmed	Unknown	Unknown	Female	62	0
Confirmed	0-9	White	Female	1723	0
Confirmed	10-19	White	Female	8338	0
Confirmed	20-29	White	Female	16316	Suppressed
Confirmed	30-39	White	Female	10685	11
Confirmed	40-49	White	Female	10816	27
Confirmed	50-59	White	Female	12013	87
Confirmed	60-69	White	Female	9333	232
Confirmed	70-79	White	Female	6218	525
Confirmed	80+	White	Female	6001	1429
Confirmed	Unknown	White	Female	48	0
Confirmed	0-9	American Indian/Alaska Native	Male	26	0
Confirmed	10-19	American Indian/Alaska Native	Male	58	0
Confirmed	20-29	American Indian/Alaska Native	Male	112	0
Confirmed	30-39	American Indian/Alaska Native	Male	102	0
Confirmed	40-49	American Indian/Alaska Native	Male	114	0
Confirmed	50-59	American Indian/Alaska Native	Male	103	Suppressed
Confirmed	60-69	American Indian/Alaska Native	Male	73	9
Confirmed	70-79	American Indian/Alaska Native	Male	36	10
Confirmed	80+	American Indian/Alaska Native	Male	15	Suppressed
Confirmed	Unknown	American Indian/Alaska Native	Male	0	0
Confirmed	0-9	Asian/Pacific Islander	Male	84	0
Confirmed	10-19	Asian/Pacific Islander	Male	182	0
Confirmed	20-29	Asian/Pacific Islander	Male	538	0
Confirmed	30-39	Asian/Pacific Islander	Male	420	0
Confirmed	40-49	Asian/Pacific Islander	Male	344	Suppressed
Confirmed	50-59	Asian/Pacific Islander	Male	307	Suppressed
Confirmed	60-69	Asian/Pacific Islander	Male	203	15
Confirmed	70-79	Asian/Pacific Islander	Male	88	22
Confirmed	80+	Asian/Pacific Islander	Male	47	19
Confirmed	Unknown	Asian/Pacific Islander	Male	0	0
Confirmed	0-9	Black/African American	Male	326	0
Confirmed	10-19	Black/African American	Male	906	0
Confirmed	20-29	Black/African American	Male	2857	10
Confirmed	30-39	Black/African American	Male	2986	29
Confirmed	40-49	Black/African American	Male	2902	76
Confirmed	50-59	Black/African American	Male	3022	208
Confirmed	60-69	Black/African American	Male	2623	358

Confirmed	70-79	Black/African American	Male	1526	440
Confirmed	80+	Black/African American	Male	695	320
Confirmed	Unknown	Black/African American	Male	Suppressed	0
Confirmed	0-9	Multiple Races	Male	237	Suppressed
Confirmed	10-19	Multiple Races	Male	734	0
Confirmed	20-29	Multiple Races	Male	1197	0
Confirmed	30-39	Multiple Races	Male	855	0
Confirmed	40-49	Multiple Races	Male	923	Suppressed
Confirmed	50-59	Multiple Races	Male	971	7
Confirmed	60-69	Multiple Races	Male	730	23
Confirmed	70-79	Multiple Races	Male	387	17
Confirmed	80+	Multiple Races	Male	173	24
Confirmed	Unknown	Multiple Races	Male	Suppressed	0
Confirmed	0-9	Other	Male	355	0
Confirmed	10-19	Other	Male	1022	0
Confirmed	20-29	Other	Male	1992	Suppressed
Confirmed	30-39	Other	Male	1505	Suppressed
Confirmed	40-49	Other	Male	1352	7
Confirmed	50-59	Other	Male	1090	10
Confirmed	60-69	Other	Male	650	32
Confirmed	70-79	Other	Male	332	28
Confirmed	80+	Other	Male	156	20
Confirmed	Unknown	Other	Male	Suppressed	0
Confirmed	0-9	Unknown	Male	568	0
Confirmed	10-19	Unknown	Male	2225	0
Confirmed	20-29	Unknown	Male	5132	0
Confirmed	30-39	Unknown	Male	4027	Suppressed
Confirmed	40-49	Unknown	Male	3672	12
Confirmed	50-59	Unknown	Male	4193	13
Confirmed	60-69	Unknown	Male	2773	26
Confirmed	70-79	Unknown	Male	1307	41
Confirmed	80+	Unknown	Male	700	47
Confirmed	Unknown	Unknown	Male	53	0
Confirmed	0-9	White	Male	1889	0
Confirmed	10-19	White	Male	7242	0
Confirmed	20-29	White	Male	13349	8
Confirmed	30-39	White	Male	9760	17
Confirmed	40-49	White	Male	9825	50
Confirmed	50-59	White	Male	11661	168
Confirmed	60-69	White	Male	9656	398
Confirmed	70-79	White	Male	6291	720
Confirmed	80+	White	Male	3900	1141
Confirmed	Unknown	White	Male	40	0
Confirmed	0-9	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	10-19	American Indian/Alaska Native	Unknown	0	0
Confirmed	20-29	American Indian/Alaska Native	Unknown	0	0
Confirmed	30-39	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	40-49	American Indian/Alaska Native	Unknown	0	0
Confirmed	50-59	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	60-69	American Indian/Alaska Native	Unknown	0	0

Confirmed	70-79	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	80+	American Indian/Alaska Native	Unknown	0	0
Confirmed	Unknown	American Indian/Alaska Native	Unknown	0	0
Confirmed	0-9	Asian/Pacific Islander	Unknown	0	0
Confirmed	10-19	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	20-29	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	30-39	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	40-49	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	50-59	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	60-69	Asian/Pacific Islander	Unknown	0	0
Confirmed	70-79	Asian/Pacific Islander	Unknown	0	0
Confirmed	80+	Asian/Pacific Islander	Unknown	0	0
Confirmed	Unknown	Asian/Pacific Islander	Unknown	0	0
Confirmed	0-9	Black/African American	Unknown	Suppressed	0
Confirmed	10-19	Black/African American	Unknown	7	0
Confirmed	20-29	Black/African American	Unknown	7	0
Confirmed	30-39	Black/African American	Unknown	Suppressed	0
Confirmed	40-49	Black/African American	Unknown	Suppressed	0
Confirmed	50-59	Black/African American	Unknown	10	0
Confirmed	60-69	Black/African American	Unknown	Suppressed	0
Confirmed	70-79	Black/African American	Unknown	Suppressed	0
Confirmed	80+	Black/African American	Unknown	Suppressed	0
Confirmed	Unknown	Black/African American	Unknown	0	0
Confirmed	0-9	Multiple Races	Unknown	Suppressed	0
Confirmed	10-19	Multiple Races	Unknown	7	0
Confirmed	20-29	Multiple Races	Unknown	14	0
Confirmed	30-39	Multiple Races	Unknown	7	0
Confirmed	40-49	Multiple Races	Unknown	7	0
Confirmed	50-59	Multiple Races	Unknown	6	0
Confirmed	60-69	Multiple Races	Unknown	Suppressed	0
Confirmed	70-79	Multiple Races	Unknown	Suppressed	0
Confirmed	80+	Multiple Races	Unknown	Suppressed	0
Confirmed	Unknown	Multiple Races	Unknown	Suppressed	0
Confirmed	0-9	Other	Unknown	Suppressed	0
Confirmed	10-19	Other	Unknown	Suppressed	0
Confirmed	20-29	Other	Unknown	8	0
Confirmed	30-39	Other	Unknown	10	0
Confirmed	40-49	Other	Unknown	10	0
Confirmed	50-59	Other	Unknown	Suppressed	0
Confirmed	60-69	Other	Unknown	6	0
Confirmed	70-79	Other	Unknown	Suppressed	0
Confirmed	80+	Other	Unknown	Suppressed	0
Confirmed	Unknown	Other	Unknown	Suppressed	0
Confirmed	0-9	Unknown	Unknown	25	0
Confirmed	10-19	Unknown	Unknown	99	0
Confirmed	20-29	Unknown	Unknown	198	0
Confirmed	30-39	Unknown	Unknown	99	0
Confirmed	40-49	Unknown	Unknown	139	0
Confirmed	50-59	Unknown	Unknown	117	0
Confirmed	60-69	Unknown	Unknown	66	0

Confirmed	70-79	Unknown	Unknown	29	0
Confirmed	80+	Unknown	Unknown	26	0
Confirmed	Unknown	Unknown	Unknown	17	0
Confirmed	0-9	White	Unknown	Suppressed	0
Confirmed	10-19	White	Unknown	33	0
Confirmed	20-29	White	Unknown	52	0
Confirmed	30-39	White	Unknown	31	0
Confirmed	40-49	White	Unknown	24	0
Confirmed	50-59	White	Unknown	21	0
Confirmed	60-69	White	Unknown	23	0
Confirmed	70-79	White	Unknown	9	0
Confirmed	80+	White	Unknown	9	Suppressed
Confirmed	Unknown	White	Unknown	Suppressed	0
Probable	0-9	American Indian/Alaska Native	Female	11	0
Probable	10-19	American Indian/Alaska Native	Female	14	0
Probable	20-29	American Indian/Alaska Native	Female	24	0
Probable	30-39	American Indian/Alaska Native	Female	9	0
Probable	40-49	American Indian/Alaska Native	Female	9	0
Probable	50-59	American Indian/Alaska Native	Female	10	0
Probable	60-69	American Indian/Alaska Native	Female	7	0
Probable	70-79	American Indian/Alaska Native	Female	Suppressed	0
Probable	80+	American Indian/Alaska Native	Female	Suppressed	0
Probable	Unknown	American Indian/Alaska Native	Female	Suppressed	0
Probable	0-9	Asian/Pacific Islander	Female	11	0
Probable	10-19	Asian/Pacific Islander	Female	20	0
Probable	20-29	Asian/Pacific Islander	Female	35	0
Probable	30-39	Asian/Pacific Islander	Female	24	0
Probable	40-49	Asian/Pacific Islander	Female	14	0
Probable	50-59	Asian/Pacific Islander	Female	20	0
Probable	60-69	Asian/Pacific Islander	Female	9	0
Probable	70-79	Asian/Pacific Islander	Female	Suppressed	0
Probable	80+	Asian/Pacific Islander	Female	Suppressed	0
Probable	Unknown	Asian/Pacific Islander	Female	Suppressed	0
Probable	0-9	Black/African American	Female	43	0
Probable	10-19	Black/African American	Female	68	0
Probable	20-29	Black/African American	Female	174	0
Probable	30-39	Black/African American	Female	137	0
Probable	40-49	Black/African American	Female	156	Suppressed
Probable	50-59	Black/African American	Female	172	8
Probable	60-69	Black/African American	Female	128	12
Probable	70-79	Black/African American	Female	52	13
Probable	80+	Black/African American	Female	38	25
Probable	Unknown	Black/African American	Female	12	0
Probable	0-9	Multiple Races	Female	36	0
Probable	10-19	Multiple Races	Female	82	0
Probable	20-29	Multiple Races	Female	99	0
Probable	30-39	Multiple Races	Female	52	0
Probable	40-49	Multiple Races	Female	77	0
Probable	50-59	Multiple Races	Female	71	0
Probable	60-69	Multiple Races	Female	49	0

Probable	70-79	Multiple Races	Female	18	0
Probable	80+	Multiple Races	Female	11	Suppressed
Probable	Unknown	Multiple Races	Female	20	0
Probable	0-9	Other	Female	34	0
Probable	10-19	Other	Female	79	0
Probable	20-29	Other	Female	103	0
Probable	30-39	Other	Female	73	0
Probable	40-49	Other	Female	83	0
Probable	50-59	Other	Female	40	Suppressed
Probable	60-69	Other	Female	26	Suppressed
Probable	70-79	Other	Female	11	0
Probable	80+	Other	Female	Suppressed	0
Probable	Unknown	Other	Female	9	0
Probable	0-9	Unknown	Female	106	0
Probable	10-19	Unknown	Female	407	0
Probable	20-29	Unknown	Female	768	0
Probable	30-39	Unknown	Female	538	0
Probable	40-49	Unknown	Female	616	0
Probable	50-59	Unknown	Female	656	0
Probable	60-69	Unknown	Female	469	Suppressed
Probable	70-79	Unknown	Female	187	0
Probable	80+	Unknown	Female	129	7
Probable	Unknown	Unknown	Female	524	0
Probable	0-9	White	Female	386	0
Probable	10-19	White	Female	923	0
Probable	20-29	White	Female	1212	0
Probable	30-39	White	Female	750	0
Probable	40-49	White	Female	858	Suppressed
Probable	50-59	White	Female	875	Suppressed
Probable	60-69	White	Female	553	17
Probable	70-79	White	Female	285	26
Probable	80+	White	Female	221	64
Probable	Unknown	White	Female	159	0
Probable	0-9	American Indian/Alaska Native	Male	7	0
Probable	10-19	American Indian/Alaska Native	Male	18	0
Probable	20-29	American Indian/Alaska Native	Male	14	0
Probable	30-39	American Indian/Alaska Native	Male	9	0
Probable	40-49	American Indian/Alaska Native	Male	11	0
Probable	50-59	American Indian/Alaska Native	Male	8	0
Probable	60-69	American Indian/Alaska Native	Male	Suppressed	Suppressed
Probable	70-79	American Indian/Alaska Native	Male	0	0
Probable	80+	American Indian/Alaska Native	Male	Suppressed	Suppressed
Probable	Unknown	American Indian/Alaska Native	Male	Suppressed	0
Probable	0-9	Asian/Pacific Islander	Male	19	0
Probable	10-19	Asian/Pacific Islander	Male	14	0
Probable	20-29	Asian/Pacific Islander	Male	37	0
Probable	30-39	Asian/Pacific Islander	Male	28	0
Probable	40-49	Asian/Pacific Islander	Male	12	0
Probable	50-59	Asian/Pacific Islander	Male	13	0
Probable	60-69	Asian/Pacific Islander	Male	Suppressed	0

Probable	70-79	Asian/Pacific Islander	Male	Suppressed	Suppressed
Probable	80+	Asian/Pacific Islander	Male	0	0
Probable	Unknown	Asian/Pacific Islander	Male	0	0
Probable	0-9	Black/African American	Male	42	0
Probable	10-19	Black/African American	Male	73	0
Probable	20-29	Black/African American	Male	129	0
Probable	30-39	Black/African American	Male	120	0
Probable	40-49	Black/African American	Male	107	8
Probable	50-59	Black/African American	Male	122	8
Probable	60-69	Black/African American	Male	111	21
Probable	70-79	Black/African American	Male	50	27
Probable	80+	Black/African American	Male	22	15
Probable	Unknown	Black/African American	Male	6	0
Probable	0-9	Multiple Races	Male	40	0
Probable	10-19	Multiple Races	Male	73	0
Probable	20-29	Multiple Races	Male	90	0
Probable	30-39	Multiple Races	Male	53	0
Probable	40-49	Multiple Races	Male	61	Suppressed
Probable	50-59	Multiple Races	Male	53	0
Probable	60-69	Multiple Races	Male	36	0
Probable	70-79	Multiple Races	Male	17	0
Probable	80+	Multiple Races	Male	Suppressed	Suppressed
Probable	Unknown	Multiple Races	Male	26	0
Probable	0-9	Other	Male	29	0
Probable	10-19	Other	Male	79	0
Probable	20-29	Other	Male	95	0
Probable	30-39	Other	Male	85	0
Probable	40-49	Other	Male	83	0
Probable	50-59	Other	Male	43	0
Probable	60-69	Other	Male	26	Suppressed
Probable	70-79	Other	Male	12	Suppressed
Probable	80+	Other	Male	Suppressed	0
Probable	Unknown	Other	Male	9	0
Probable	0-9	Unknown	Male	118	0
Probable	10-19	Unknown	Male	408	0
Probable	20-29	Unknown	Male	672	0
Probable	30-39	Unknown	Male	533	Suppressed
Probable	40-49	Unknown	Male	481	Suppressed
Probable	50-59	Unknown	Male	536	0
Probable	60-69	Unknown	Male	351	Suppressed
Probable	70-79	Unknown	Male	150	Suppressed
Probable	80+	Unknown	Male	77	9
Probable	Unknown	Unknown	Male	396	0
Probable	0-9	White	Male	390	0
Probable	10-19	White	Male	826	0
Probable	20-29	White	Male	1047	Suppressed
Probable	30-39	White	Male	622	Suppressed
Probable	40-49	White	Male	659	Suppressed
Probable	50-59	White	Male	689	8
Probable	60-69	White	Male	490	17

Probable	70-79	White	Male	230	19
Probable	80+	White	Male	134	34
Probable	Unknown	White	Male	124	0
Probable	0-9	American Indian/Alaska Native	Unknown	0	0
Probable	10-19	American Indian/Alaska Native	Unknown	0	0
Probable	20-29	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	30-39	American Indian/Alaska Native	Unknown	0	0
Probable	40-49	American Indian/Alaska Native	Unknown	0	0
Probable	50-59	American Indian/Alaska Native	Unknown	0	0
Probable	60-69	American Indian/Alaska Native	Unknown	0	0
Probable	70-79	American Indian/Alaska Native	Unknown	0	0
Probable	80+	American Indian/Alaska Native	Unknown	0	0
Probable	Unknown	American Indian/Alaska Native	Unknown	0	0
Probable	0-9	Asian/Pacific Islander	Unknown	0	0
Probable	10-19	Asian/Pacific Islander	Unknown	0	0
Probable	20-29	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	30-39	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	40-49	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	50-59	Asian/Pacific Islander	Unknown	0	0
Probable	60-69	Asian/Pacific Islander	Unknown	0	0
Probable	70-79	Asian/Pacific Islander	Unknown	0	0
Probable	80+	Asian/Pacific Islander	Unknown	0	0
Probable	Unknown	Asian/Pacific Islander	Unknown	0	0
Probable	0-9	Black/African American	Unknown	0	0
Probable	10-19	Black/African American	Unknown	0	0
Probable	20-29	Black/African American	Unknown	Suppressed	0
Probable	30-39	Black/African American	Unknown	Suppressed	0
Probable	40-49	Black/African American	Unknown	Suppressed	0
Probable	50-59	Black/African American	Unknown	Suppressed	0
Probable	60-69	Black/African American	Unknown	Suppressed	0
Probable	70-79	Black/African American	Unknown	0	0
Probable	80+	Black/African American	Unknown	0	0
Probable	Unknown	Black/African American	Unknown	Suppressed	0
Probable	0-9	Multiple Races	Unknown	Suppressed	0
Probable	10-19	Multiple Races	Unknown	Suppressed	0
Probable	20-29	Multiple Races	Unknown	9	0
Probable	30-39	Multiple Races	Unknown	Suppressed	0
Probable	40-49	Multiple Races	Unknown	Suppressed	0
Probable	50-59	Multiple Races	Unknown	Suppressed	0
Probable	60-69	Multiple Races	Unknown	Suppressed	0
Probable	70-79	Multiple Races	Unknown	0	0
Probable	80+	Multiple Races	Unknown	0	0
Probable	Unknown	Multiple Races	Unknown	Suppressed	0
Probable	0-9	Other	Unknown	Suppressed	0
Probable	10-19	Other	Unknown	Suppressed	0
Probable	20-29	Other	Unknown	0	0
Probable	30-39	Other	Unknown	Suppressed	0
Probable	40-49	Other	Unknown	Suppressed	0
Probable	50-59	Other	Unknown	Suppressed	0
Probable	60-69	Other	Unknown	Suppressed	0

Probable	70-79	Other	Unknown	0	0
Probable	80+	Other	Unknown	0	0
Probable	Unknown	Other	Unknown	Suppressed	0
Probable	0-9	Unknown	Unknown	32	0
Probable	10-19	Unknown	Unknown	64	0
Probable	20-29	Unknown	Unknown	147	0
Probable	30-39	Unknown	Unknown	117	0
Probable	40-49	Unknown	Unknown	133	0
Probable	50-59	Unknown	Unknown	110	0
Probable	60-69	Unknown	Unknown	83	0
Probable	70-79	Unknown	Unknown	43	Suppressed
Probable	80+	Unknown	Unknown	9	0
Probable	Unknown	Unknown	Unknown	713	0
Probable	0-9	White	Unknown	9	0
Probable	10-19	White	Unknown	18	0
Probable	20-29	White	Unknown	14	0
Probable	30-39	White	Unknown	7	0
Probable	40-49	White	Unknown	15	0
Probable	50-59	White	Unknown	16	0
Probable	60-69	White	Unknown	Suppressed	0
Probable	70-79	White	Unknown	Suppressed	0
Probable	80+	White	Unknown	Suppressed	0
Probable	Unknown	White	Unknown	16	0

PUBLIC USE DATASETS

COVID-19 Tests by County

README

Data includes tests by type (diagnostic, serology or total combined) by county.

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Serology tests are used to look for the possibility of previous infection. Serology tests look for antibodies to SARS-CoV-2 in the blood. There are currently two types of serology tests: the enzyme-linked immunosorbent assay (ELISA) test and the rapid antibody detection POC test. Serology tests do not diagnose disease and do not guarantee immunity, but might provide information about previous infection.

Correctional includes state and federal prisons and county and city detention facilities. Testing data represents total tests performed, not individuals tested. A single individual may have more than one test completed.

COVID-19 TESTS BY COUNTY 2020-11-18

Updated	COUNTY	TestType	Count	RatePerMillion
2020/11/18 14:44:44	Alcona	Diagnostic	3138	301586
2020/11/18 14:44:44	Alcona	Serology	84	8073
2020/11/18 14:44:44	Alcona	Total	3222	309659
2020/11/18 14:44:44	Alger	Diagnostic	3384	371542
2020/11/18 14:44:44	Alger	Serology	127	13944
2020/11/18 14:44:44	Alger	Total	3511	385485
2020/11/18 14:44:44	Allegan	Diagnostic	54705	463284
2020/11/18 14:44:44	Allegan	Serology	1401	11865
2020/11/18 14:44:44	Allegan	Total	56106	475148
2020/11/18 14:44:44	Alpena	Diagnostic	5831	205281
2020/11/18 14:44:44	Alpena	Serology	308	10843
2020/11/18 14:44:44	Alpena	Total	6139	216124
2020/11/18 14:44:44	Antrim	Diagnostic	9224	395472
2020/11/18 14:44:44	Antrim	Serology	321	13763
2020/11/18 14:44:44	Antrim	Total	9545	409235
2020/11/18 14:44:44	Arenac	Diagnostic	6456	433784
2020/11/18 14:44:44	Arenac	Serology	234	15723
2020/11/18 14:44:44	Arenac	Total	6690	449506
2020/11/18 14:44:44	Baraga	Diagnostic	4149	505421
2020/11/18 14:44:44	Baraga	Serology	46	5604
2020/11/18 14:44:44	Baraga	Total	4195	511024
2020/11/18 14:44:44	Barry	Serology	1054	17124
2020/11/18 14:44:44	Barry	Diagnostic	27093	440179
2020/11/18 14:44:44	Barry	Total	28147	457303
2020/11/18 14:44:44	Bay	Serology	3146	30506
2020/11/18 14:44:44	Bay	Diagnostic	58826	570428
2020/11/18 14:44:44	Bay	Total	61972	600935
2020/11/18 14:44:44	Benzie	Diagnostic	7075	398233
2020/11/18 14:44:44	Benzie	Serology	318	17899
2020/11/18 14:44:44	Benzie	Total	7393	416132
2020/11/18 14:44:44	Berrien	Diagnostic	111476	726697
2020/11/18 14:44:44	Berrien	Serology	3033	19772
2020/11/18 14:44:44	Berrien	Total	114509	746468
2020/11/18 14:44:44	Branch	Diagnostic	20094	461751
2020/11/18 14:44:44	Branch	Serology	221	5078
2020/11/18 14:44:44	Branch	Total	20315	466829
2020/11/18 14:44:44	Calhoun	Diagnostic	102810	766330
2020/11/18 14:44:44	Calhoun	Serology	1046	7797
2020/11/18 14:44:44	Calhoun	Total	103856	774126
2020/11/18 14:44:44	Cass	Diagnostic	20324	392454
2020/11/18 14:44:44	Cass	Serology	377	7280
2020/11/18 14:44:44	Cass	Total	20701	399734
2020/11/18 14:44:44	Charlevoix	Diagnostic	11489	439468
2020/11/18 14:44:44	Charlevoix	Serology	634	24251
2020/11/18 14:44:44	Charlevoix	Total	12123	463719
2020/11/18 14:44:44	Cheboygan	Diagnostic	6752	267131
2020/11/18 14:44:44	Cheboygan	Serology	309	12225

2020/11/18 14:44:44	Cheboygan	Total	7061	279356
2020/11/18 14:44:44	Chippewa	Diagnostic	9259	247905
2020/11/18 14:44:44	Chippewa	Serology	173	4632
2020/11/18 14:44:44	Chippewa	Total	9432	252537
2020/11/18 14:44:44	Clare	Diagnostic	8007	258708
2020/11/18 14:44:44	Clare	Serology	520	16801
2020/11/18 14:44:44	Clare	Total	8527	275509
2020/11/18 14:44:44	Clinton	Serology	2807	35266
2020/11/18 14:44:44	Clinton	Diagnostic	28250	354922
2020/11/18 14:44:44	Clinton	Total	31057	390188
2020/11/18 14:44:44	Correctional	Diagnostic	292012	
2020/11/18 14:44:44	Correctional	Serology	12740	
2020/11/18 14:44:44	Correctional	Total	304752	
2020/11/18 14:44:44	Crawford	Diagnostic	4733	337373
2020/11/18 14:44:44	Crawford	Serology	169	12046
2020/11/18 14:44:44	Crawford	Total	4902	349419
2020/11/18 14:44:44	Delta	Diagnostic	21341	596384
2020/11/18 14:44:44	Delta	Serology	331	9250
2020/11/18 14:44:44	Delta	Total	21672	605634
2020/11/18 14:44:44	Detroit City	Diagnostic	394252	606724
2020/11/18 14:44:44	Detroit City	Serology	17251	26548
2020/11/18 14:44:44	Detroit City	Total	411503	633272
2020/11/18 14:44:44	Dickinson	Diagnostic	7764	307619
2020/11/18 14:44:44	Dickinson	Serology	79	3130
2020/11/18 14:44:44	Dickinson	Total	7843	310749
2020/11/18 14:44:44	Eaton	Serology	4404	39939
2020/11/18 14:44:44	Eaton	Diagnostic	61513	557850
2020/11/18 14:44:44	Eaton	Total	65917	597789
2020/11/18 14:44:44	Emmet	Serology	1041	31154
2020/11/18 14:44:44	Emmet	Diagnostic	15131	452821
2020/11/18 14:44:44	Emmet	Total	16172	483974
2020/11/18 14:44:44	Genesee	Diagnostic	172773	425745
2020/11/18 14:44:44	Genesee	Serology	12826	31606
2020/11/18 14:44:44	Genesee	Total	185599	457351
2020/11/18 14:44:44	Gladwin	Serology	442	17368
2020/11/18 14:44:44	Gladwin	Diagnostic	8004	314511
2020/11/18 14:44:44	Gladwin	Total	8446	331879
2020/11/18 14:44:44	Gogebic	Diagnostic	12206	873417
2020/11/18 14:44:44	Gogebic	Serology	145	10376
2020/11/18 14:44:44	Gogebic	Total	12351	883792
2020/11/18 14:44:44	Grand Traverse	Serology	2530	27179
2020/11/18 14:44:44	Grand Traverse	Diagnostic	39680	426263
2020/11/18 14:44:44	Grand Traverse	Total	42210	453442
2020/11/18 14:44:44	Gratiot	Diagnostic	27441	674044
2020/11/18 14:44:44	Gratiot	Serology	592	14542
2020/11/18 14:44:44	Gratiot	Total	28033	688585
2020/11/18 14:44:44	Hillsdale	Serology	398	8727
2020/11/18 14:44:44	Hillsdale	Diagnostic	20699	453876
2020/11/18 14:44:44	Hillsdale	Total	21097	462603
2020/11/18 14:44:44	Houghton	Diagnostic	21462	601446

2020/11/18 14:44:44	Houghton	Serology	173	4848
2020/11/18 14:44:44	Houghton	Total	21635	606294
2020/11/18 14:44:44	Huron	Serology	331	10684
2020/11/18 14:44:44	Huron	Diagnostic	15087	486976
2020/11/18 14:44:44	Huron	Total	15418	497660
2020/11/18 14:44:44	Ingham	Serology	14917	51015
2020/11/18 14:44:44	Ingham	Diagnostic	170289	582372
2020/11/18 14:44:44	Ingham	Total	185206	633386
2020/11/18 14:44:44	Ionia	Diagnostic	35889	554724
2020/11/18 14:44:44	Ionia	Serology	1359	21006
2020/11/18 14:44:44	Ionia	Total	37248	575730
2020/11/18 14:44:44	Iosco	Diagnostic	11948	475504
2020/11/18 14:44:44	Iosco	Serology	254	10109
2020/11/18 14:44:44	Iosco	Total	12202	485613
2020/11/18 14:44:44	Iron	Diagnostic	13954	1260980
2020/11/18 14:44:44	Iron	Serology	42	3795
2020/11/18 14:44:44	Iron	Total	13996	1264775
2020/11/18 14:44:44	Isabella	Diagnostic	23467	335857
2020/11/18 14:44:44	Isabella	Serology	712	10190
2020/11/18 14:44:44	Isabella	Total	24179	346047
2020/11/18 14:44:44	Jackson	Serology	1790	11293
2020/11/18 14:44:44	Jackson	Diagnostic	112167	707634
2020/11/18 14:44:44	Jackson	Total	113957	718926
2020/11/18 14:44:44	Kalamazoo	Serology	4142	15626
2020/11/18 14:44:44	Kalamazoo	Diagnostic	149707	564791
2020/11/18 14:44:44	Kalamazoo	Total	153849	580418
2020/11/18 14:44:44	Kalkaska	Serology	313	17352
2020/11/18 14:44:44	Kalkaska	Diagnostic	9643	534594
2020/11/18 14:44:44	Kalkaska	Total	9956	551946
2020/11/18 14:44:44	Kent	Serology	23401	35620
2020/11/18 14:44:44	Kent	Diagnostic	436046	663738
2020/11/18 14:44:44	Kent	Total	459447	699358
2020/11/18 14:44:44	Keweenaw	Diagnostic	1095	517486
2020/11/18 14:44:44	Keweenaw	Serology	20	9452
2020/11/18 14:44:44	Keweenaw	Total	1115	526938
2020/11/18 14:44:44	Lake	Serology	130	10968
2020/11/18 14:44:44	Lake	Diagnostic	4944	417110
2020/11/18 14:44:44	Lake	Total	5074	428077
2020/11/18 14:44:44	Lapeer	Serology	1894	21619
2020/11/18 14:44:44	Lapeer	Diagnostic	31855	363612
2020/11/18 14:44:44	Lapeer	Total	33749	385232
2020/11/18 14:44:44	Leelanau	Diagnostic	7040	323515
2020/11/18 14:44:44	Leelanau	Serology	406	18657
2020/11/18 14:44:44	Leelanau	Total	7446	342172
2020/11/18 14:44:44	Lenawee	Serology	1089	11061
2020/11/18 14:44:44	Lenawee	Diagnostic	47106	478472
2020/11/18 14:44:44	Lenawee	Total	48195	489533
2020/11/18 14:44:44	Livingston	Serology	5166	26907
2020/11/18 14:44:44	Livingston	Diagnostic	93523	487112
2020/11/18 14:44:44	Livingston	Total	98689	514019

2020/11/18 14:44:44	Luce	Diagnostic	3080	494461
2020/11/18 14:44:44	Luce	Serology	37	5940
2020/11/18 14:44:44	Luce	Total	3117	500401
2020/11/18 14:44:44	Mackinac	Diagnostic	4316	399667
2020/11/18 14:44:44	Mackinac	Serology	69	6389
2020/11/18 14:44:44	Mackinac	Total	4385	406056
2020/11/18 14:44:44	Macomb	Serology	33656	38509
2020/11/18 14:44:44	Macomb	Diagnostic	392473	449068
2020/11/18 14:44:44	Macomb	Total	426129	487577
2020/11/18 14:44:44	Manistee	Diagnostic	8946	364280
2020/11/18 14:44:44	Manistee	Serology	481	19586
2020/11/18 14:44:44	Manistee	Total	9427	383867
2020/11/18 14:44:44	Marquette	Diagnostic	62837	942098
2020/11/18 14:44:44	Marquette	Serology	992	14873
2020/11/18 14:44:44	Marquette	Total	63829	956971
2020/11/18 14:44:44	Mason	Diagnostic	16101	552464
2020/11/18 14:44:44	Mason	Serology	648	22234
2020/11/18 14:44:44	Mason	Total	16749	574698
2020/11/18 14:44:44	Mecosta	Serology	570	13118
2020/11/18 14:44:44	Mecosta	Diagnostic	21092	485398
2020/11/18 14:44:44	Mecosta	Total	21662	498516
2020/11/18 14:44:44	Menominee	Diagnostic	10778	473134
2020/11/18 14:44:44	Menominee	Serology	51	2239
2020/11/18 14:44:44	Menominee	Total	10829	475373
2020/11/18 14:44:44	Midland	Diagnostic	24039	289083
2020/11/18 14:44:44	Midland	Serology	3124	37568
2020/11/18 14:44:44	Midland	Total	27163	326651
2020/11/18 14:44:44	Missaukee	Diagnostic	4740	313534
2020/11/18 14:44:44	Missaukee	Serology	225	14883
2020/11/18 14:44:44	Missaukee	Total	4965	328416
2020/11/18 14:44:44	Monroe	Diagnostic	65557	435595
2020/11/18 14:44:44	Monroe	Serology	2899	19262
2020/11/18 14:44:44	Monroe	Total	68456	454857
2020/11/18 14:44:44	Montcalm	Serology	1352	21162
2020/11/18 14:44:44	Montcalm	Diagnostic	37583	588264
2020/11/18 14:44:44	Montcalm	Total	38935	609426
2020/11/18 14:44:44	Montmorency	Diagnostic	2710	290523
2020/11/18 14:44:44	Montmorency	Serology	193	20690
2020/11/18 14:44:44	Montmorency	Total	2903	311214
2020/11/18 14:44:44	Muskegon	Diagnostic	109402	630319
2020/11/18 14:44:44	Muskegon	Serology	1838	10590
2020/11/18 14:44:44	Muskegon	Total	111240	640909
2020/11/18 14:44:44	Newaygo	Diagnostic	22859	466701
2020/11/18 14:44:44	Newaygo	Serology	915	18681
2020/11/18 14:44:44	Newaygo	Total	23774	485382
2020/11/18 14:44:44	Oakland	Serology	74186	58991
2020/11/18 14:44:44	Oakland	Diagnostic	639904	508836
2020/11/18 14:44:44	Oakland	Total	714090	567827
2020/11/18 14:44:44	Oceana	Serology	475	17947
2020/11/18 14:44:44	Oceana	Diagnostic	20761	784411

2020/11/18 14:44:44	Oceana	Total	21236	802358
2020/11/18 14:44:44	Ogemaw	Diagnostic	7781	370577
2020/11/18 14:44:44	Ogemaw	Serology	264	12573
2020/11/18 14:44:44	Ogemaw	Total	8045	383150
2020/11/18 14:44:44	Ontonagon	Diagnostic	4943	864161
2020/11/18 14:44:44	Ontonagon	Serology	42	7343
2020/11/18 14:44:44	Ontonagon	Total	4985	871503
2020/11/18 14:44:44	Osceola	Diagnostic	12603	537212
2020/11/18 14:44:44	Osceola	Serology	443	18883
2020/11/18 14:44:44	Osceola	Total	13046	556095
2020/11/18 14:44:44	Oscoda	Diagnostic	2480	300934
2020/11/18 14:44:44	Oscoda	Serology	94	11406
2020/11/18 14:44:44	Oscoda	Total	2574	312341
2020/11/18 14:44:44	Otsego	Diagnostic	8363	339022
2020/11/18 14:44:44	Otsego	Serology	384	15567
2020/11/18 14:44:44	Otsego	Total	8747	354589
2020/11/18 14:44:44	Ottawa	Serology	7024	24069
2020/11/18 14:44:44	Ottawa	Diagnostic	186962	640654
2020/11/18 14:44:44	Ottawa	Total	193986	664723
2020/11/18 14:44:44	Presque Isle	Diagnostic	4373	347284
2020/11/18 14:44:44	Presque Isle	Serology	235	18663
2020/11/18 14:44:44	Presque Isle	Total	4608	365947
2020/11/18 14:44:44	Roscommon	Diagnostic	9844	409842
2020/11/18 14:44:44	Roscommon	Serology	386	16071
2020/11/18 14:44:44	Roscommon	Total	10230	425913
2020/11/18 14:44:44	Saginaw	Diagnostic	124536	653598
2020/11/18 14:44:44	Saginaw	Serology	3941	20683
2020/11/18 14:44:44	Saginaw	Total	128477	674282
2020/11/18 14:44:44	Sanilac	Serology	590	14331
2020/11/18 14:44:44	Sanilac	Diagnostic	21943	532985
2020/11/18 14:44:44	Sanilac	Total	22533	547316
2020/11/18 14:44:44	Schoolcraft	Diagnostic	2948	364220
2020/11/18 14:44:44	Schoolcraft	Serology	47	5807
2020/11/18 14:44:44	Schoolcraft	Total	2995	370027
2020/11/18 14:44:44	Shiawassee	Serology	1771	25997
2020/11/18 14:44:44	Shiawassee	Diagnostic	34645	508573
2020/11/18 14:44:44	Shiawassee	Total	36416	534570
2020/11/18 14:44:44	St Clair	Serology	4678	29398
2020/11/18 14:44:44	St Clair	Diagnostic	62619	393513
2020/11/18 14:44:44	St Clair	Total	67297	422911
2020/11/18 14:44:44	St Joseph	Diagnostic	29622	485893
2020/11/18 14:44:44	St Joseph	Serology	985	16157
2020/11/18 14:44:44	St Joseph	Total	30607	502050
2020/11/18 14:44:44	Tuscola	Diagnostic	34723	664619
2020/11/18 14:44:44	Tuscola	Serology	965	18471
2020/11/18 14:44:44	Tuscola	Total	35688	683089
2020/11/18 14:44:44	Unknown	Serology	19061	
2020/11/18 14:44:44	Unknown	Diagnostic	260156	
2020/11/18 14:44:44	Unknown	Total	279217	
2020/11/18 14:44:44	Van Buren	Serology	887	11721

2020/11/18 14:44:44	Van Buren	Diagnostic	50086	661839
2020/11/18 14:44:44	Van Buren	Total	50973	673560
2020/11/18 14:44:44	Washtenaw	Diagnostic	249464	678627
2020/11/18 14:44:44	Washtenaw	Serology	11918	32421
2020/11/18 14:44:44	Washtenaw	Total	261382	711048
2020/11/18 14:44:44	Wayne	Diagnostic	650198	589048
2020/11/18 14:44:44	Wayne	Serology	49023	44412
2020/11/18 14:44:44	Wayne	Total	699221	633460
2020/11/18 14:44:44	Wexford	Serology	482	14332
2020/11/18 14:44:44	Wexford	Diagnostic	13915	413755
2020/11/18 14:44:44	Wexford	Total	14397	428087

PUBLIC USE DATASETS

Diagnostic Tests by Result and County

README

Data include diagnostic tests for COVID-19 by date and county.

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Correctional includes state and federal prisons and county and city detention facilities. Testing data represents total tests performed, not individuals tested. A single individual may have more than one test completed.

The total number of positive tests may exceed the number of confirmed cases due to 1) a single individual may have more than one test performed; 2) MDHHS may receive data on positive tests in advance of a local health department classifying an individual as a confirmed or probable case, and 3) although efforts have been made to deduplicate testing data, some duplication may occur.

DIAGNOSTIC TESTS BY RESULT AND COUNTY 2020-11-18

MessageDate	COUNTY	Negative	Positive	Total
11/17/2020	Alcona	19	7	26
11/17/2020	Alger	13	1	14
11/17/2020	Allegan	423	84	507
11/17/2020	Alpena	102	13	115
11/17/2020	Antrim	50	6	56
11/17/2020	Arenac	82	11	93
11/17/2020	Baraga	6	0	6
11/17/2020	Barry	204	35	239
11/17/2020	Bay	330	71	401
11/17/2020	Benzie	59	8	67
11/17/2020	Berrien	603	195	798
11/17/2020	Branch	225	59	284
11/17/2020	Calhoun	1007	128	1135
11/17/2020	Cass	105	30	135
11/17/2020	Charlevoix	58	11	69
11/17/2020	Cheboygan	121	12	133
11/17/2020	Chippewa	154	5	159
11/17/2020	Clare	71	1	72
11/17/2020	Clinton	232	32	264
11/17/2020	Correctional	337	24	361
11/17/2020	Crawford	48	8	56
11/17/2020	Delta	86	38	124
11/17/2020	Detroit City	2379	221	2600
11/17/2020	Dickinson	102	25	127
11/17/2020	Eaton	603	99	702
11/17/2020	Emmet	98	13	111
11/17/2020	Genesee	1643	316	1959
11/17/2020	Gladwin	51	8	59
11/17/2020	Gogebic	47	7	54
11/17/2020	Grand Traverse	352	58	410
11/17/2020	Gratiot	110	10	120
11/17/2020	Hillsdale	197	46	243
11/17/2020	Houghton	65	8	73
11/17/2020	Huron	166	21	187
11/17/2020	Ingham	1294	124	1418
11/17/2020	Ionia	201	47	248
11/17/2020	Iosco	130	23	153
11/17/2020	Iron	238	18	256
11/17/2020	Isabella	172	32	204
11/17/2020	Jackson	689	124	813
11/17/2020	Kalamazoo	1783	240	2023
11/17/2020	Kalkaska	54	6	60
11/17/2020	Kent	3676	642	4318
11/17/2020	Keweenaw	8	1	9
11/17/2020	Lake	26	7	33
11/17/2020	Lapeer	376	87	463
11/17/2020	Leelanau	83	3	86

11/17/2020	Lenawee	394	44	438
11/17/2020	Livingston	722	65	787
11/17/2020	Luce	4	0	4
11/17/2020	Mackinac	32	2	34
11/17/2020	Macomb	3052	611	3663
11/17/2020	Manistee	135	6	141
11/17/2020	Marquette	523	102	625
11/17/2020	Mason	91	9	100
11/17/2020	Mecosta	124	9	133
11/17/2020	Menominee	57	21	78
11/17/2020	Midland	400	59	459
11/17/2020	Missaukee	39	1	40
11/17/2020	Monroe	793	120	913
11/17/2020	Montcalm	251	26	277
11/17/2020	Montmorency	32	4	36
11/17/2020	Muskegon	802	275	1077
11/17/2020	Newaygo	162	24	186
11/17/2020	Oakland	4319	652	4971
11/17/2020	Oceana	66	15	81
11/17/2020	Ogemaw	38	10	48
11/17/2020	Ontonagon	30	5	35
11/17/2020	Osceola	112	14	126
11/17/2020	Oscoda	18	4	22
11/17/2020	Otsego	145	14	159
11/17/2020	Ottawa	1569	305	1874
11/17/2020	Presque Isle	201	10	211
11/17/2020	Roscommon	112	23	135
11/17/2020	Saginaw	761	188	949
11/17/2020	Sanilac	214	17	231
11/17/2020	Schoolcraft	6	1	7
11/17/2020	Shiawassee	315	43	358
11/17/2020	St Clair	565	109	674
11/17/2020	St Joseph	301	33	334
11/17/2020	Tuscola	495	52	547
11/17/2020	Unknown	835	128	963
11/17/2020	Van Buren	509	89	598
11/17/2020	Washtenaw	2708	150	2858
11/17/2020	Wayne	5472	835	6307
11/17/2020	Wexford	92	10	102